MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

NOVEMBER, 1924

J. A. BROWN, DIRECTOR

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METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	Mean	Max.	Min.			
1	761.8	761.7	761.7	761.7	26.1	21.7		8.4	
2	1.4	0.5	0.9	0.9	25.2	20.8		8.6	
3	0.4	0.3	0.4	0.4	25.2	20.1		9.3	
4	1.3	0.4	1.7	1.1	27.0	21.8		9.5	
5	3.0	1.6	1.8	2.1	26.3	22.6		9.6	
6	3.0	1.6	1.8	2.1	24.8	20.8		7.7	
7	2.3	1.5	2.5	2.1	24.2	18.6		9.4	
8	2.6	1.5	2.2	2.1	24.1	18.3		9.0	
9	3.8	3.0	4.0	3.6	23 7	19.2		9.6	
10	4.8	3.8	4.2	4.3	23.8	18 9		6.5	
11	4.3	3.0	3.2	3.5	25.0	20.3		7.2	
12	2.7	1.3	1.1	1.7	23.3	20.1		4.1	11.43
13	0.4	1.1	59.9	0.5-	22.7	18.2		2.1	19.05
14	0.1	59.6	61.6	0.4	20.8	14.6		4.4	14.47
15	2.8	62.1	2.5	2.5	22.2	15 0		5.2	1.78
16	2.8	2.1	2 2	2.4	20.2	14.3		1.2	29.20
17	3.8	4.1	5.5	4.5	20.6	15.5		4.9	6.60
18	5.6	4.9	5.4	5.3	21.9	16.1		3.7	
19	5.8	4.4	4.6	4.9	21.7	16.7		6.2	
20	3.0	1.8	59.8	1.9	22.3	17.4		3.3	
21	58.0	56.2	5.7	56.6	23.3	19.1		0.0	36.82
22	4.6	4.4	6.2	5.1	18.7	14.1		0.0	49.26
23	8.2	7.6	8.6	8.1	18.2	11.4		2.2	8.13
24	60.3	7.9	9.7	9.3	19.2	12.6		2.3	
25	0.9	8.3	64.8	61.3	16.0	13.4		1.0	11.68
26	6.5	6.6	8.0	7.0	17.9	11.6		4.6	4.83
27	8.2	6.6	6.2	7.0	19.4	14.1		7.3	
28	5.7	4.7	5.8	5.4	20.4	14.1		8.8	
29	5.7	4.8	5.4	5.3	19.7	14.4		8.5	0 21
30	6.4	4.8	5.3	5.5	18.9	13.6		3.6	8.38
	762.67	761.74	762.42	762.24	22.09	16.98		5.6	201.84

BAROMETER

Maximum	768.2	on 27th
Minimum	754.4	on 22nd

THERMOMETER

Maximum	27.0	on 4th
Minimum	11.4	on 23rd

RAINFALL

Maximum	49.26 mm.	on 22nd

Number of days with rain 13, thunderstorms 0, fog 0, gale 2

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2;30	8:30	Mean	8:30	2:30	8:30	Mean
1	24.3	25.6	22.5	24.1	18·9	20 7	19.4	12.8	14.7	14 6	14.0	56	60	72	63
2	23.3	24.7	22.4	23.5	20.6	20.9	20.0	15.9	15.6	15.5	15 7	74	68	75	72
3	22.6	24.7	22.7	23.3	20.5	20.6	19.6	16 3	15.0	14.6	15.3	80	65	71	72
4	24.1	26.5	24.0	24.9	19.6	21.3	21.0	13.8	15.1	16.2	15.0	62	58	72	64
5	24.8	25.2	24.4	24 8	21.7	21.0	19.6	16.8	13.0	13 7	14.5	72	65	60	66
6	23.0	23.8	21.0	22.6	19.9	20.8	19.4	15.0	16 1	15 5	15.5	71	73	83	76
7	21.9	23.6	21.3	22.6	18 8	19.4	18.4	14.0	13.8	13.8	13.9	71	64	72	69
8	21.9	23.7	20.5	22.3	16.7	18.6	17.5	11.0	12.6	12.8	12.1	56	58	71	62
9	22.1	23 1	22 1	22.4	18.3	19.6	17.8	13.1	14.4	12.3	13.3	66	69	62	64
10	21.4	23.7	21 7	22.3	17.4	18.9	17.7	10.8	13.1	12.4	12.1	48	59	64	57
11	23.6	21.5	20.8	22.0	20 6	19 9	18.6	15.7	16.1	14.4	15.4	72	84	79	78
12	21.7	22.6	21.0	21.8	17.9	18.4	17.9	12.7	13.1	13.1	13 0	66	64	70	67
13	21.1	15 2	17.5	17.9	18.3	14.5	14.4	13.7	11.8	10.3	11.9	73	93	70	79
14	15.4	20.6	18.3	18.1	15.0	16.8	15.9	12.4	11.8	11.9	12.0	95	65	77	79
15	19.2	21.4	18 7	19 8	16.8	18.7	16.4	12.6	14.0	12.4	13.0	76	74	77	76
16	15.2	15.8	15.8	15.6	14 6	15.3	15.0	12.0	12.6	12.1	12.2	94	95	91	93
17	18.3	20.0	18.1	18.8	16 8	16 0	14.6	13.1	11.1	10.3	11.5	84	64	67	72
18	18.7	20.8	18 7	19.4	16 5	16.8	16.2	12.4	11.7	12 0	12.0	78	64	76	73
19	19.4	21.4	18.6	19 8	15 8	17 6	16.3	11.1	12.4	12.2	11.9	66	66	78	70
20	19.7	21.7	21.0	20.8	16 6	18.1	14.9	12.1	12.9	9.3	11.4	71	67	50	63
21	22.1	19.2	16.4	19.2	15.4	16.3	15.8	9.4	12.0	12.9	11.4	47	72	92	70
22	14.9	17.1	12.7	14 9	14.4	13.2	11.3	11.8	9.1	9.1	10 0	94	64	83	80
23	14.3	16.8	14.9	15.3	10.9	11.2	11.0	7.9	7.2	7.8	7.6	65	50	62	59
24	16.7	18.2	15.4	16.8	10.5	13.4	14 6	6.6	8.9	11.7	9.0	47	57	90	65
25	15.4	15.2	15.3	15.3	10.9	11.7	11.4	7.5	8.4	8.1	8.0	57	66	61	61
26	15.7	17.5	15 6	16.3	15.2	13.4	12.4	12.5	9.1	9.0	10.2	95	61	68	75
27	16.5	18.7	16.9	17.4	13.1	14.7	12.6	9.2	10.1	8.4	9.2	66	64	58	63
28	18.2	19.8	16.7	18.2	12.7	15 7	13 7	8.2	10.7	9.9	9.6	53	63	71	62
29	17.2	19.2	16.2	17.5	13.3	15.6	13.8	9.1	11.1	10.3	10.2	63	67	76	69
30	17.2	18.4	16.9	17.5	14.7	15.3	13.9	10.9	10.9	10.7	10.8	75	70	71	72
	19.66	20.86	18.94	19.84	16.41	17.15	16 04	12.01	12.28	11.91	12.06	69.8	66.9	72.3	69.7

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m·; Max. 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 03th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	0	0	4n	1.3	1	2	0	117.5	calm	dew
2	2	3	1ci	2.0	2ne	3ne	1e	148.5	,,	,,
3	1ci	1ci	0	0.7	1ne	2ne	1s	57.1	,,	,,
4	0	1ci	0	0.3	1nw	1n	0	129.0	,,	
5	0	1ci	2ci	1.0	1ne	2e	3e	149.7	,,	
6	1ci	0	0	0.3	1w	2nw	0	151.0	,,	
7	0	2cu ci	4cu n	2.0	1nw	2w	1w	125.3	,,	
8	3cu n	3cu n	1	2.3	2ne	3	2se	154 5	v. slight	
9	2cu n	2	1ci	1.7	0	3n	4n	170.8	,,	
10	1ci	4ci	4ci	3.0	1ne	2ne	0	121.3	calm	
11	2ci	9cu ci	4cu ci	5 0	4	2	0	119·1	v. slight	
12	3cu n	7n	4n	4.7	2	4	5	197.4	slight	
13	4cu n	10n	2n	5.3	4	1	2s	280.2	,,	
14	4ci n	4cu n	5n	4.3	1	3	0	229.9	calm	
15	4cu n	4cu n	4n	4.0	0	3	1	119.0	,,	tr. rain
16	9 n	10n	8n	9.0	4	2	1s	331.6	slight	
17	9 n	4cu n	3n	5.3	3	1	1s	253.5	v. slight	
18	5cu n	6cu ci	4n	5.0	0	2	1se	205.7	calm	
19	3cu ci	3ci	3ci	3.0	1e	1e	0	59.5	,,	
20	4ci	7ci	7ci	6.0	1ne	2ne	0	76.4	,,	tr. rain
21	9cu ci	10cu n	10n	9.7	5s	5s	3s	375 7	rough	
22	10n	8cu n	6cu n	8.0	4	8	8	596 2	v. rough	gale
23	9n	7n	3n	6.3	7	5	2ne	665.1	rough	,,
24	3ci	4cu ci	0	2.3	1ne	1nw	6se	206.0	calm	
25	5cu n	8cu n	6n	6.3	1se	1	1se	635.4	rough	
26	4n	5ci	2n	3.7	4se	3	0	450.3	slight	
27	4ci	4ci	0	2 7	1nw	2ne	0	125.4	calm	
28	0	0	0	0 0	0	1se	1se	103.6	,,	
29	1	3cu ci	2n	2.0	0	1	1	82 9	,,	
30	4	3	1	2.7	1	1	1se	148.3	,,	
				3.7				319 2		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	7	1	2	1	10	1	3	5
2:30	2	5	2	1	1	16	1	2	0
8:30	1	1	2	6	5	4	1	0	10
Totals	3	13	5	9	7	30	3	5	15

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.